

REFERENCE	
—	(E) UTILITIES TO BE REMOVED
—	(E) UTILITIES TO REMAIN
—EM	EMERGENCY POWER
—C	COMMUNICATION
—W	DOMESTIC WATER
—E	ELECTRICAL
—G	GAS
—I	IRRIGATION
—S	SEWER
—SD	STORM DRAIN
—HYD	STEAM
---	DEMOLITION
---	BOUNDARY

HISTORIC PRESERVATION NOTES:	
1) PRIOR TO CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE HISTORIC PRESERVATION OFFICE, DEPARTMENT OF PARKS AND RECREATION, 1114 A STREET, FRESNO, CA 93703, AND THE HISTORIC PRESERVATION OFFICE, DEPARTMENT OF PUBLIC WORKS, 1114 A STREET, FRESNO, CA 93703, OF ANY DISCOVERED HISTORIC ARCHITECTURE OR OTHER HISTORIC FEATURES. THE CONTRACTOR SHALL PROVIDE A WRITTEN AGREEMENT THAT WILL BE THE PRIMARY GENERATOR OF THE HAZARDOUS WASTE, IF NOT, VA, EPA NUMBER IS LISTED BELOW.	
2) GEOTECHNICAL/SOILS REPORT MAY BE REQUIRED FOR REVIEW BY ARCHEOLOGIST.	
3) THE VA WILL REQUIRE AN ARCHEOLOGIST TO BE PRESENT DURING GROUND DISTURBING ACTIVITIES (FOOTINGS, UTILITIES, ETC.). THE DEMOLITION SUB-CONTRACTOR MUST PROVIDE EXTRA TIME IN THEIR BID FOR SOIL ASSESSMENT AND INSPECTION BY SAID ARCHEOLOGIST NO PART OF TIME LOST DUE TO SUCH INSPECTIONS/STOP ORDERS SHALL BE MADE THE SUBJECT OF CLAIM FOR EXTENSION OF TIME FOR EXCESS COSTS OR DAMAGES BY THE CONTRACTOR.	
4) FINAL "SURETY" REPORT MUST BE PROVIDED TO HISTORIC PRESERVATION OFFICE TO SATISFY SECTION 106 COMPLIANCE. FINAL DIGITAL AND HARD COPY TO BE PROVIDED TO AND RETAINED BY VA, FRESNO.	
POC AT THE HISTORIC PRESERVATION OFFICE: ED CARROLL, HISTORIAN, REVIEW AND COMPLIANCE UNIT, OFFICE OF HISTORIC PRESERVATION P.H.: (916) 445-7006 1725 23RD STREET, SUITE 100 SACRAMENTO, CALIFORNIA 95816	
A POTENTIAL ARCHEOLOGIST'S VENDOR INFORMATION IS ATTACHED FOR YOUR CONVENIENCE: P.O.C. LORA HOLLAND, RPA / JENNIER M. SANKA, M.A., RPA AKINIS, 4735 SANSONE ST., SUITE 2000 SAN FRANCISCO CA 94111 TEL: (415) 362-1500, DIRECT: (909) 521-3768	
5) CONTRACTOR SHALL APPLY FOR ANY (EPI/SOD) EPA ID NUMBER AND PROVIDE VA WITH A WRITTEN AGREEMENT THAT WILL BE THE PRIMARY GENERATOR OF THE HAZARDOUS WASTE, IF NOT, VA, EPA NUMBER IS LISTED BELOW.	
EPA ID NUMBER: ID# GENERATOR: ADDRESS: PHONE:	CA136090244 VETERANS ADMIN MED CTR M/S 0015 2615 E. CLINTON AVE FRESNO, CA 93703 (559) 225-6100
6) CONTRACTOR SHALL FILE THE DEMOLITION CHECKLIST (SECTION 106 COMPLIANCE). CHECKLIST NEEDS TO BE COMPLETELY FILLED OUT AND SUBMITTED TO SHPO FOR REVIEW PRIOR TO NTP. CHECKLIST TO BE COMPLETED IN UNISON WITH RICHARD CROWE, LARRY JAMES, COR, AND DESIGN TEAM.	

KEY NOTES

- (E) ELECTRICAL VAULT TO REMAIN
- (E) FIBER OPTIC MANHOLE TO REMAIN
- (E) HIGH VOLTAGE MANHOLE TO REMAIN
- (E) SEWER MANHOLE TO BE REMOVED
- (E) ELECTRICAL TO BE INTERCEPTED AND CAPPED INSIDE VAULT FOR USE ON FUTURE PROJECTS.
- (E) FIBER OPTIC TO BE INTERCEPTED AND CAPPED INSIDE MANHOLE FOR USE ON FUTURE PROJECTS. ABANDONED LOW VOLTAGE SIGNAL AND COMMUNICATION WIRING SHALL BE REMOVED FROM SOURCE OF SUPPLY AND RETURNED TO VA
- (E) HIGH VOLTAGE TO BE INTERCEPTED AND CAPPED INSIDE MANHOLE FOR USE ON FUTURE PROJECTS. CONCRETE CASING OF PRIMARY AND SECONDARY CONDUITS ALSO TO BE DEMOLISHED. CONTRACTOR TO READ "HIGH VOLTAGE" LINE DISCONNECTION AND TRANSFORMER REMOVAL" NOTES
- (E) SEWER PIPE TO BE CUT AND CAPPED AT THIS POINT. (E) BUILDING 31 TO BE SERVICEABLE AT ALL TIMES.
- (E) ELECTRICAL VAULT TO BE REMOVED
- (E) FIBER OPTIC MANHOLE TO BE REMOVED
- (E) CUT, CAP, & REMOVE EXISTING TUNNEL, AND ALL UTILITIES FROM THIS POINT TO EAST SIDE OF CAMPUS. EXISTING UTILITIES TO BE CAPPED. SEE DETAIL A AND B/CS001
- (E) SEWER MANHOLE TO REMAIN
- (E) SEWER PIPE TO BE REMOVED
- INTERCEPT GAS LINE AT THIS POINT, CAP IT AND REMOVE THE REST OF THE LINE TO THE EAST.
- (E) ELECTRICAL TRANSFORMER PAD TO BE REMOVED. SEE SHEET CD101 FOR MORE INFORMATION
- (E) ELECTRICAL SWITCHBOARD PAD TO BE REMOVED. SEE SHEET CD101 FOR MORE INFORMATION
- (E) ELECTRICAL PULL BOX TO BE REMOVED
- (E) STORM DRAIN PIPE TO REMAIN
- (E) SEWER PIPE TO BE CUT & CAPPED. REMOVE THE REST OF THE LINE TO THE EAST OF THIS LOCATION
- (E) ELECTRICAL, COMMUNICATION, SEWER AND GAS LINES TO BE CUT AND CAPPED AT BUILDING
- ALL (E) LINES IN UTILITY TUNNEL TO BE CUT AND CAPPED AT BUILDING
- REMOVE SUMP PUMP AND ENTIRE LENGTH OF PIPE
- (E) 4" IRRIGATION PIPE TO REMAIN
- (E) ELECTRICAL LINE TO BE INTERCEPTED AT THIS POINT AND RE-ROUTED. SEE SHEET E100 FOR MORE INFORMATION
- (E) CITY OF FRESNO SEWER SYSTEM
- (E) CITY OF FRESNO WATER DISTRIBUTION
- (E) CITY OF FRESNO STORM DRAIN SYSTEM
- (E) FIBER OPTIC LINE TO REMAIN
- (E) FIBER OPTIC LINE TO REMAIN
- (E) EMERGENCY POWER LINE TO REMAIN
- (E) HIGH VOLTAGE LINE TO REMAIN
- (E) UNDERGROUND UTILITIES TO BE DISCONNECTED FROM BUILDING 16 AND REMOVED ENTIRELY

HIGH VOLTAGE LINE DISCONNECTION AND TRANSFORMER REMOVAL

- CONTRACTOR SHALL ARRANGE WORK TO MINIMIZE THE IMPACT ON VA'S ON-GOING OPERATIONS
- OPERATIONS DESCRIBED BELOW SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE DEMOLITION OF THE TRANSFORMER
- CONTRACTOR SHALL SUBMIT A COMPLETE SCHEDULE OF PROPOSED OPERATIONS. FOR REMOVAL OF EXISTING TRANSFORMER AND INTERCEPT HIGH VOLTAGE LINE. THE SCHEDULE SHALL INDICATE ESTIMATED STARTING AND COMPLETION DATE, TIME AND LOCATIONS OF GENERATORS FOR ELECTRICAL SHUT DOWN
- THE VAS COR WILL REVIEW SCHEDULE TO CHECK WHETHER IT APPEARS REASONABLE AND MAY REQUIRE ADDITIONAL INFORMATION FROM THE CONTRACTOR AND MINOR MODIFICATIONS OF PROPOSED SCHEDULING TO AVOID CONFLICTS WITH OPERATIONS OF THE VA
- CONTRACTOR SHALL CLEAN TRANSFORMER SURFACE AND VISUALLY INSPECT FOR ANY PHYSICAL DAMAGE. TAKE PHOTOS FOR RECORD AS REQUIRED.
- DE-ENERGIZE TRANSFORMER 1-8 BY TURNING OFF THE 1200 AMP BREAKER INSIDE THE 12KV MAIN SWITCHGEAR BAY 6, (SEE SHEET E601, SINGLE LINE DIAGRAM). BEFORE TURNING OFF THE MAIN 1200 AMP BREAKER, TURN OFF THE MAIN BREAKERS IN EACH BUILDING WHICH ARE CONNECTED TO THE CIRCUIT #56. BUILDINGS SHALL REMAIN OPERATING AT ALL TIME. CONTRACTOR TO PROVIDE POWER GENERATORS FOR EACH BUILDING AND THE 12KV MAIN SWITCHGEAR BAY 6 IS TURNED OFF. CONTRACTOR TO PROVIDE THE 12KV MAIN SWITCHGEAR BAY 6 IS TURNED OFF. CONTRACTOR TO PROVIDE GENERATORS AT NO ADDITIONAL COST TO THE VA
- PERFORM THE VOLTAGE AND AMPERE TESTING AND CONFIRM TRANSFORMER 1-8 IS DE-ENERGIZED. THEN CUT HIGH VOLTAGE LINE AT (E) MANHOLE MH-C AND CAP ALL EXPOSED CABLES WITH 3M CLASS 1 HIGH VOLTAGE CABLE TERMINATION KITS. REPLACE THE EXISTING TAP FEEDER SPICE KITS AS REQUIRED IF ANY DAMAGE OCCURS DURING DEMOLITION.
- DISCONNECT AND REMOVE THE PRIMARY AND SECONDARY CABLES INSIDE TRANSFORMER 1-8.
- ABANDONED 120/208 VOLT WIRING SHALL BE REMOVED FROM SOURCE OF SUPPLY AND RETURNED TO VA
- ABANDONED 12KV WIRING CUT AT MANHOLE MH-C SHALL BE CAPPED WITH 3M CLASS 1 HIGH VOLTAGE CABLE TERMINATION KITS. REMOVE EXTRA WIRING THAT WILL NOT BE USED, COILS AND REMOVE EXPOSED ABANDONED CONDUITS. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES
- DRYING OUT OF THE TRANSFORMER CORE AND COILS SHALL BE PERFORMED BY FACTORY CERTIFIED PERSONNEL. ONLY, COOLING LIQUID MAY CONTAIN PCB. CONTACT THE TRANSFORMER FACTORY FOR DRYING OUT OF TRANSFORMER SERVICES. (IF THE DRYING OUT PROCESS IS CARELESSLY OR IMPROPERLY PERFORMED, GREAT DAMAGE MAY RESULT TO THE TRANSFORMER INSULATION THROUGH OVERHEATING).
- CONTRACTOR SHALL REMOVE ALL DETACHABLE PARTS FOR PROPER HANDLING. CONTRACTOR SHALL PROVIDE INVENTORY LISTS AND ALLOW VA TO INSPECT AND ACCEPT. MATERIAL AS REQUIRED DURING MOVEMENT.
- DELIVER THE TRANSFORMER TO VA STORAGE AND PLACE IT ON A LEVEL AND SAFE LOCATION, FIELD COORDINATE WITH VA C.O.R. WRAP TRANSFORMER WITH PLASTIC COVER.

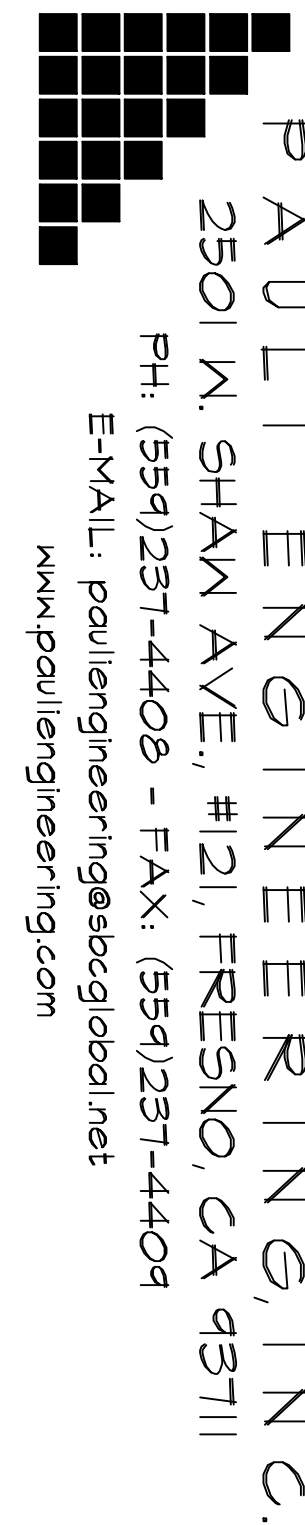
IRRIGATION DEMOLITION NOTE:

REMOVE ENTIRE (E) IRRIGATION SYSTEM FROM THE VALVE DOWNSTREAM INCLUDING BUT NOT LIMITED TO PIPES, FITTINGS, HEAD, ETC (U.N.O.). CONTRACTOR TO BACKFILL AND RECOMPACT DISTURBED SOIL DURING IRRIGATION SYSTEM REMOVAL WORK. ALL (E) VALVES TO BE REPLACED AS PER IRRIGATION PLAN (U.N.O.). IF CONTRACTOR DAMAGES 2 WIRE SYSTEM HE/SHE NEEDS TO REPAIR IT AT NO EXTRA CHARGE TO THE VA.

100% SUBMITTAL - FOR CONSTRUCTION

Drawing Title		Project Title		Office of Construction and Facilities Management	
UTILITIES DEMOLITION		DEMO BUILDINGS 10, 13 AND 14		CD100	
Approved Project Director		Bidding Number		Drawing Number	
Location		OUTBUILDINGS		CD100	
2615 E Clinton Ave, Fresno, CA		Date		12/12/2012	
Checked		Drawn		Dwg	

CONSULTANTS:		ARCHITECT/ENGINEER:	
PAULI ENGINEERING, INC.		2501 N. SHAM AVE., #21, FRESNO, CA 93711	
PH: (559) 237-4408 - FAX: (559) 237-4404		E-MAIL: pauliengineering@comcast.net	
www.pauliengineering.com		www.pauliengineering.com	
Revision		Date	
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	



PAULI ENGINEERING, INC.
2501 N. SHAM AVE., #21, FRESNO, CA 93711
PH: (559) 237-4408 - FAX: (559) 237-4404
E-MAIL: pauliengineering@comcast.net
www.pauliengineering.com

Project Title
DEMO BUILDINGS 10, 13 AND 14
Bidding Number
OUTBUILDINGS
Drawing Number
CD100
Date
12/12/2012
Checked
Drawn
Dwg
12/12/2012

